

## Coast Guard, DHS

## § 161.002-1

- 161.002-9 Automatic fire detecting system, power supply.
- 161.002-10 Automatic fire detecting system control unit.
- 161.002-12 Manual fire alarm systems.
- 161.002-14 Watchman's supervisory systems.
- 161.002-15 Sample extraction smoke detection systems.
- 161.002-17 Equivalents.
- 161.002-18 Method of application for type approval.

### Subpart 161.006—Searchlights, Motor Lifeboat, for Merchant Vessels

- 161.006-1 Applicable specifications.
- 161.006-2 Type.
- 161.006-3 Materials and workmanship.
- 161.006-4 Requirements.
- 161.006-5 Sampling, inspections and tests.
- 161.006-6 Procedure for approval.

### Subpart 161.008 [Reserved]

### Subpart 161.010—Floating Electric Waterlight

- 161.010-1 Incorporation by reference.
- 161.010-2 Design, construction, and test requirements.
- 161.010-3 Inspections and methods of test.
- 161.010-4 Procedure for approval.

### Subpart 161.011—Emergency Position Indicating Radiobeacons

- 161.011-1 Purpose.
- 161.011-5 Classes.
- 161.011-10 EPIRB approval.

### Subpart 161.012—Personal Flotation Device Lights

- 161.012-1 Scope.
- 161.012-3 Definitions.
- 161.012-5 Approval procedures.
- 161.012-7 Construction.
- 161.012-9 Performance.
- 161.012-11 Approval tests.
- 161.012-13 Production tests and inspections.
- 161.012-15 Markings.
- 161.012-17 Instructions.

### Subpart 161.013—Electric Distress Light for Boats

- 161.013-1 Applicability.
- 161.013-3 General performance requirements.
- 161.013-5 Intensity requirements.
- 161.013-7 Signal requirements.
- 161.013-9 Independent power source.
- 161.013-11 Prototype test.
- 161.013-13 Manufacturer certification and labeling.
- 161.013-17 Manufacturer notification.

AUTHORITY: 46 U.S.C. 3306, 3703, 4302; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; 49 CFR 1.46.

### Subpart 161.001 [Reserved]

### Subpart 161.002—Fire-Protective Systems

SOURCE: 21 FR 9032, Nov. 21, 1956, unless otherwise noted.

#### § 161.002-1 Incorporation by reference.

(a) Certain material is incorporated by reference into this subpart with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in paragraph (b) of this section, the Coast Guard must publish notice of change in the FEDERAL REGISTER; and the material must be available to the public. All approved material is available for inspection at the Office of the Federal Register, 800 North Capitol Street NW., suite 700, Washington, DC, and at the U.S. Coast Guard, (G-MSE), 2100 Second Street SW., Washington, DC 20593-0001, and is available from the sources indicated in paragraph (b) of this section.

(b) The material approved for incorporation by reference in this subpart and the sections affected are as follows:

AMERICAN BUREAU OF SHIPPING (ABS)  
*American Bureau of Shipping (ABS), ABS Plaza, 16855 Northchase Drive, Houston, TX 77060.*

Rules for Building and Classing Steel Vessels, 1996—161.002-4(b).

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)  
*100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.*

ASTM B 117-97, Standard Practice for Operating Salt Spray (Fog) Apparatus—161.002-4

FACTORY MUTUAL ENGINEERING AND RESEARCH (FMER)  
*Factory Mutual Engineering and Research, ATTN: Librarian, 1151 Boston-Providence Turnpike, Norwood, MA 02062.*

Class Number 3150: Audible Signal Devices, December, 1974—161.002-4(b).

Class Number 3210: Thermostats for Automatic Fire Detection, July, 1978—161.002-4(b).

Class Number 3230-3250: Smoke Actuated Detectors for Automatic Fire Alarm Signaling, February, 1976—161.002-4(b).

## § 161.002-2

Class Number 3260: Flame Radiation Detectors for Automatic Fire Alarm Signaling, September, 1994—161.002-4(b).

Class Number 3820: Electrical Utilization Equipment, September, 1979—161.002-4(b).

INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC)

*International Electrotechnical Commission, 1, Rue de Varembe, Geneva, Switzerland.*

IEC 533, Electromagnetic Compatibility of Electrical and Electronic Installations in Ships, 1977—161.002-4(b).

INTERNATIONAL MARITIME ORGANIZATION (IMO)

*International Maritime Organization, Publications Section 4 Albert Embankment, London SE1 7SR, United Kingdom.*

International Convention for the Safety of Life at Sea, 1974 (SOLAS 74) Consolidated Edition (Including 1992 Amendments to SOLAS 74, and 1994 Amendments to SOLAS 74), 1992—161.002-4(b).

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

*National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269.*

NFPA 72, National Fire Alarm Code, 1993—161.002-4(b).

LLOYD'S REGISTER OF SHIPPING (LR)

*Lloyd's Register of Shipping, ATTN: Publications, 17 Battery Place, New York, NY 10004-1195.*

LR Type Approval System: Test Specification Number 1, 1990—161.002-4(b).

UNDERWRITERS LABORATORIES, INC. (UL)

*Underwriters Laboratories, Inc., 12 Laboratory Drive, Research Triangle Park, NC 27709-3995.*

UL 38, Standard for Manually Actuated Signaling Boxes for Use with Fire-Protective Signaling Systems, 1994—161.002-4(b).

UL 268, Standard for Smoke Detectors for Fire Protective Signaling Systems, 1989 (including revisions through June 1994)—161.002-4(b).

UL 521, Standard for Heat Detectors for Fire Protective Signaling Systems, 1993 (including revisions through October 1994)—161.002-4(b).

UL 864, Standard for Control Units for Fire-Protective Signaling Systems, 1991 (including revisions through May 1994)—161.002-4(b).

[CGD 94-108, 61 FR 28291, June 4, 1996; 61 FR 36787, July 12, 1996; 62 FR 23910, May 1, 1997; CGD 97-057, 62 FR 51049, Sept. 30, 1997; USCG-1999-5151, 64 FR 67185, Dec. 1, 1999; USCG-2000-7790, 65 FR 58464, Sept. 29, 2000]

### § 161.002-2 Types of fire-protective systems.

(a) *General.* Fire-protective systems covered by this subpart shall include, but not be limited to, automatic fire and smoke detecting systems, manual

## 46 CFR Ch. I (10-1-03 Edition)

fire alarm systems, sample extraction smoke detection systems, watchman's supervisory systems, and combinations of these systems.

(b) *Automatic fire detecting systems.* For the purpose of this subpart, automatic fire and smoke detecting systems will be considered to consist of normal and emergency power supplies, a fire detecting control unit, fire detectors, smoke detectors, and audible and visual alarms distinct in both respects from the alarms of any other system not indicating fire.

(c) *Manual fire alarm systems.* For the purpose of this subpart, manual fire alarm systems will be considered to consist of normal and emergency power supplies, a fire alarm control unit, manual fire alarm boxes, and audible and visual alarms distinct in both respects from the alarms of any other system not indicating fire. Manual fire alarm systems are usually combined with automatic fire detecting systems.

(d) *Sample extraction smoke detection systems.* For the purpose of this subpart, Sample extraction smoke detection systems will be considered to consist of a control unit, a blower box, and a piping system to conduct air samples from the protected spaces to the control unit.

(e) *Watchman's supervisory systems.* For the purpose of this subpart, a watchman's supervisory equipment will be considered to be apparatus, either electrical or mechanical, used to verify the presence of watchmen and the regular performance of their assigned duties.

[CGFR 56-39, 21 FR 9032, Nov. 21, 1956, as amended by CGFR 70-143, 35 FR 19966, Dec. 30, 1970; CGD 94-108, 61 FR 28292, June 4, 1996]

### § 161.002-3 Materials and workmanship.

(a) *Suitability.* All materials used in the construction of fire-protective equipment shall be of the quality best suited for the purpose intended.

(b) *Materials covered by reference specifications.* Where specifications are referred to for a given material, it is intended to require that the quality of material used shall be at least equal to